

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently amended) A process for using a mobile device to transfer one or more pieces of a plurality of data being stored in a sub-computer system to a target computer system, the process comprising:

~~Designating a first piece of data to be transferred and the target computer system to which the first piece of data is to be transferred as~~ creating an instruction in the mobile device, wherein the instruction comprises providing a user name and password for accessing the sub-computer system, selecting a first piece of data to be transferred and designating the target computer system to which the first piece of data is to be transferred;

~~sending the instruction from the mobile device to a central computer system gateway via a~~ Public Switched Telephone Network first network, wherein the gateway converts the instruction into an HTTP format suitable to be transmitted in the Internet;

~~sending the instruction in the HTTP format from the gateway to a central computer system via the Internet;~~

~~Informing the sub-computer system of the selected first piece of data to be transferred and the designated target computer system to which the first piece of data to be transferred at least part of the instruction by the central computer system;~~

~~accessing the sub-computer system using the provided user name and password by the central computer system; and~~

~~transmitting the first piece of data from the sub-computer system to the target computer system via the Internet second network according to the instruction.~~

2. (Original) The process of Claim 1, further comprising:

storing information relating to identifications of the plurality of data in the central computer system; and

sending said information from the central computer system to the mobile device for designating the first piece of data.

3. (Original) The process of Claim 2, further comprising:

using the mobile device to request the central computer system to send said information.

4. (Original) The process of Claim 1, further comprising:

sending the first piece of data from the sub-computer system to the central computer system according to said part of the instruction;

saving the first piece of data under a filename in the central computer system;

informing the target computer system of the filename by the central computer system; and

downloading the first piece of data from the central computer system by the target computer system according to the filename.

5. (Original) The process of Claim 1, wherein an identification of the target computer system is known to the central computer system, and wherein the step of designating the target computer system includes specifying its identification in the instruction.

6. (Original) The process of Claim 1, wherein the step of designating the first piece of data includes identifying location of the first piece of data in the instruction.

7. (Original) The process of Claim 1, wherein the step of designating the target computer system includes specifying the target computer's internet protocol address in the instruction.

8. (Currently amended) The process of Claim 1, further comprising:
composing a first piece of information in the mobile device;
transmitting the first piece of information from the mobile device to the gateway via the Public Switched Telephone Network and from the gateway to the central computer system via the Internet first network;
generating a file in the central computer system by combining the first piece of information with the first piece of data retrieved; and
transmitting the file to the target computer system.

9. (Original) The process of Claim 8, wherein the step of composing includes composing an email, and wherein the target computer is designated by specifying in the first piece of information an email address relating to the target computer.

10. (Original) The process of Claim 9, wherein the step of generating the file includes attaching the first piece of data within the email.

11. (Cancelled)

12. (Currently amended) A process for using a mobile device to transfer one of a plurality of data being stored in a sub-computer system to an target system, the process comprising:

storing information relating to identifications of the plurality of data in a central computer system;

using the mobile device to request the central computer system to send said information to the mobile device ~~via a first network;~~

sending said information from the central computer system to the mobile device ~~via the first network;~~

~~designating a first piece of data to be transferred by using said information and the target computer system to which the first piece of data is to be transferred as creating an instruction in the mobile device, wherein the~~

instruction comprises providing a user name and password for accessing the sub-computer system; selecting a first piece of data to be transferred and designating the target computer system to which the first piece of data is to be transferred;

sending the instruction from the mobile device to a gateway, the central computer system via the first network a Public Switched Telephone Network wherein the gateway converts the instruction into an HTTP format suitable to be transmitted in the Internet;

sending the instruction in the HTTP format from the gateway to a central computer system via the Internet;

informing the sub-computer system of the selected first piece of data to be transferred and the designated target computer system to which the first piece of data to be transferred at least part of the instruction by the central computer system;

accessing the sub-computer system using the provided user name and password by the central computer system; and

transmitting the first piece of information from the sub-computer system to the target computer system via the Internet according to the instruction.

13. (Cancelled)

2. Claim Rejections under 35 U.S.C. 102

Claims 1, 5 and 8 were rejected under 35 U.S.C. 102 as being anticipated by Singhal (U.S. Patent 6,256,666).

Claim 1 has been amended to more clearly define the claimed process. Specifically, the process as recited in Claim 1 includes creating an instruction by a mobile device, sending the instruction from the mobile device to a gateway, converting the instruction into an HTTP format by the gateway, sending the HTTP-formatted instruction from the gateway to a central computer, accessing and informing the sub-computer system by central computer, and transmitting data from the sub-computer system to a target computer system.

The instruction created by the mobile device includes providing a user name and password for accessing the sub-computer system, selecting a first piece of data to be transferred, and designating the target computer system to which the first piece of data is to be transferred.

It is also recited in Claim 1 that the mobile device is connected to the gateway via a Public Switched Telephone Network (PSTN). In addition, the gateway, the central computer system, the sub-computer system and the target computer system are connected via the Internet.

Singhal teaches a method of remotely accessing and manipulating email attachments. A mobile client (such as a mobile phone) sends a message to a gateway via a mobile network. The message includes an Attachment Control Message (ACM) which is forwarded to a Mobile Message Processor (MMP) attached to the gateway. The gateway retrieves an email from an email server via a computer network based on a messageID contained in the message. The MMP in the gateway manipulates the attachments of the email according to the instructions in the ACM (see col 5, lines 17-25, 64-65, col 6, lines 1-11, 42-44). The ACM includes a subject field which identifies the ACM, and one or more lines which identify the attachments of the email and the actions to be performed on the respective attachments (col 5, lines 26-57).